



# The Institute Spokesman

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## "TOPS" FROM EVERY STANDPOINT

The Institute Holds Its Most Successful Convention

From New York and California, from Texas and Minnesota, and from all points in between they came--the biggest delegation ever to attend an Institute Convention.

They renewed acquaintance with old friends. They listened with undivided attention as outstanding authorities discussed important technical and sales problems. They joined with other members in a rip-roaring, rollicking festival of fun.

And when the gavel had sounded on the last meeting, they agreed to a man that it was the biggest, most instructive and most successful of all Institute Conventions.

On the following pages is a brief summary of the principal addresses, with an offer of copies of the complete papers as long as a limited supply lasts. On the back page is a column of personals which should serve to demonstrate that in addition to its serious purpose, the convention did full justice to the social activities which are such a stimulating part of association membership.

The success of the convention is a tribute to its program committee. But even more important, it proves the progress of the Institute--its steadily growing importance in furthering the interests of a great industry.



A few of the visitors--  
how many do you recognize?

### Officers and Directors of the National Lubricating Grease Institute

George W. Miller, President  
M. R. Bower, Vice-President  
Ernest V. Mencliff, Sec'y-Treas.

J. R. Battenfeld  
W. E. Callaghan  
M. B. Chittick  
James R. Corbett

C. B. Karns  
F. C. Karns  
L. P. Lochridge  
Wm. H. Oldacre

Wm. H. Saunders, Jr.  
F. J. Snyder  
Holmer F. Wilhelm  
John C. Welke

# A NOTABLE PROGRAM OF

When outstanding authorities discuss subjects of immediate concern to their audience, there can be but one result: an interesting and instructive meeting. The entire membership of the Institute joins in expressing its sincere appreciation to the speakers who helped to make the Fifth Annual Convention an unqualified success.

## HYPOID GEAR LUBRICATION

H. C. Mougey, Chief Chemist  
Research Laboratory Division  
General Motors Corporation  
Detroit, Michigan

A comprehensive discussion of hypoid gear lubricants--responsibility of car manufacturer to customers--requirements to be met--methods of testing lubricants for approval--cooperation between manufacturer and oil and grease companies.

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## LUBRICATION PROBLEMS PRESENTED BY DIFFERENT TYPES OF BALL BEARING APPLICATIONS

H. R. Reynolds, Chief Engineer  
The Fafnir Bearing Company  
New Britain, Connecticut

External and internal characteristics of ball bearings--objections to standard grease fittings and pressure gun application--the storage problem--conditions of service--need for cooperation from grease manufacturer.

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## ROLLER BEARING LUBRICATION PROBLEMS

O. L. Maag, Lubrication Engineer,  
The Timken Roller Bearing Company  
Canton, Ohio

An exhaustive review of an important phase of lubrication--problems presented by various types of service

with technical data on the characteristics of lubricants best suited to roller bearing service.

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## GREASE LUBRICATION REQUIREMENTS IN STEEL MILLS

C. C. Pecu, Lubrication Engineer  
Lackawanna Steel Company  
Buffalo, N. Y.

The spokesman for an important group of buyers describes the conditions peculiar to his industry, and out of his long experience outlines the type of lubricant recommended to meet the service requirements of steel mill equipment.

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## LABORATORY EQUIPMENT AND METHODS FOR TESTING LUBRICATING GREASES

Ralph R. Matthews  
Battenfeld Grease & Oil Corporation  
Kansas City, Mo.

Standard and tentative standard methods for testing lubricating greases--proposed method of determining dropping point of greases--accelerated stability tests--photomicrograph studies--methods of testing extreme pressure properties. A thorough analysis of an important subject.



# PRACTICAL SUBJECTS

Space allows us to give here only the briefest summary of the principal addresses. Copies of the complete papers will be forwarded on request, as long as a limited supply lasts.

## CHASSIS LUBRICANTS AND LUBRICATION

W. S. James, Chief Engineer,  
Studebaker Corporation  
South Bend, Indiana

A car manufacturer classifies chassis lubrication points into eight functional groups, explains their lubrication requirements, describes the tremendous problem of making safe lubrication available at 250,000 service stations, suggests possible solutions and proposes closer cooperation between lubricant manufacturer and car designer as a means of simplifying and standardizing chassis lubrication.

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## TEMPERATURE MEASUREMENTS IN GREASE KETTLES

F. E. Huggins, Jr.  
Sowers Manufacturing Company  
Buffalo, New York

Mr. Huggins traces the development of methods for measuring the temperature of grease in kettles and presents the Dopp-type Thermocouple as "an accurate means of getting the temperature of grease being processed with a double-motion agitator positively scraping the wall of the kettle."

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## A CHALLENGE TO LUBRICANT MANUFACTURERS & MARKETERS

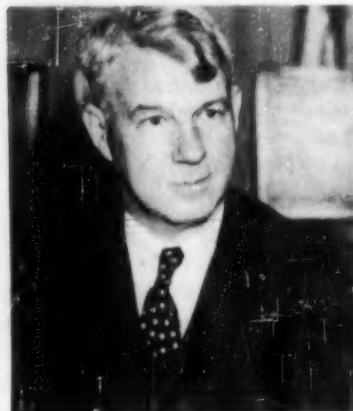
J. S. Keller  
The Chek-Chart Corporation  
Chicago, Illinois

Thousands of stations advertise "specialized lubrication" but a nationwide survey shows that less than one in a hundred stocks lubricants required for correct lubrication. A challenge to action with a definite program of suggestions.

IT'S WINTER CONDITIONING TIME--one of the BIG selling seasons of the year. The Institute's folder "When the Leaves Begin to Fall" is designed to sell the job for your retailers.



President Wilhelm  
Program Chairman Kerns



H. C. Mougey



Sydney Bevin of Fiske



## BANQUET BANTER



Who can explain the strange power of Doc Burwell over the more extravagant sex? Why was he signaled out of the assembled multitude to occupy the center of the stage and be serenaded by the fair damsel with the light of love in her eyes and the mark of experience in her manner? "What," one visitor was heard to remark, "has he got that we haven't got?"

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And while we're asking questions, what became of President Wilhelm during the latter part of the banquet?

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In addition to knowing something about lubrication, O. L. Maag must have a passionate love for flowers. How else would you explain that "two-lip" design on his noble brow?

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In case you didn't notice it, the meal was good, too. But you couldn't prove it by Mart Chittick. Serving the entertainers as Master of the Wardrobe, his mind was on other things.

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No, lady, that strange noise coming from the banquet hall was not caused by a thousand cars in need of lubrication. It came from the well oiled tonsils of certain Institute members, by way of their noses. Suffering was universal but most pronounced in the vicinity of John Baird and M. B. Jester.

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In the height of festivities the charming Mistress of Ceremonies discovered that she and L. B. Helm were both from Ohio. At once that come-hither look came into her eyes, and nothing would do except a duet version of "Beautiful Ohio." All of which caused Milt Bower to wonder when Cleveland seceded from the Buckeye State.

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Called to the stage by an entertainer, J. R. Battenfeld found it necessary to hurdle the banquet table. It was a swell chance to win the applause of the crowd by leaping over the table with the grace of a gazelle. But who ever heard of a gazelle that had to be lifted over an obstruction by three or four other guys?

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The finale was in keeping with the spirit of the occasion--a revelation. If you missed it, write for full and interesting details either to Program Chairman Frank Kerns of THE Texas Company, or Entertainment Chairman Mart Chittick of THE Pure Oil Co.



LUBRICATE FOR SAFETY EVERY 1000 MILES